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NETWORK AND DATA SHARING BIBLIOGRAPHY

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General Data Structures

F. D. Anzelmo, "A Data-Storage Format for Information System Files," IEEE Trans. Computers, vol. C-20, pp. 39-43, January 1971.

E. F. Codd, "A Relational Model of Data for Large Shared Data Banks," Comm. ACM, vol 13, pp. 377-387, June, 1970.

C. T. Davies, "A Logical Concept for the Control and Management of Data", AR-0803-00

S. E. Madnick and J. W. Alsop II, "A Modular Approach to File System Design," 1969 Spring Joint Computer Conf., AFIPS Proc., vol 34, pp. 1-13, 1969.

W. C. McGee, "File Structures for Generalized Data Management," Proc. IFIPS Congress 68, pp. 1233, 1968.

P. D. Rovner and J. A. Feldman, "The LEAP Language and Data Structure," Proc IFIPS Congress 68, pp. 579 1968.

Data Description

T. H. Bonn, 'A Standard for Computer Networks,' Computer, vol. 4, p. 10-14, May/June, 1971.

"Data Base Task Group Report," CODASYL Program Language Committee.

"IBM Data Base Task Group Representative Minority Report," CODASYL Program Language Committee, Oct. 17, 1969.

M. Donaldson, S. Robinovitz, and B. Wolfe, "Proposed MICIS Standard for Data Description," Michigan Interuniversity Committee on Information Systems, Dec. 4, 1970.

M. Ellis and K. Nelson, "A Data Description Language for

Hierarchical Data Files," Data and Computation Center for the Social Sciences at The University of Wisconsin, Social Science Building, Madison, Wisconsin, November 1970.

D. Evans and A. Van Dam, "Data Structure Programming Language," Proc. IFIP Congress 68, pp. 557 - 564, 1968.

G. A. Gibson, "Draft: Data Description Language," fdt (a publication of the ACM Special Interest Committee on File Description and Translation), vol. 1, p. 9-13, 10 August 1969.

L. V. Haibt and A. P. Mullery, "Data Descriptive Language for Shared Data," IBM Research Report RC3476, August 1971.

A. W. Holt, "Information System Theory Project," Applied Data Research, Princeton, Rept. ADR-RFF-6606, Sept. 1968.

G. J. Lipovsky, "The Architecture of a Large Distributed Logic Associative Memory," Univ. of Illinois, Urbana, Rept. R-424, July 1969 (contains a discussion of representation structures suitable for describing complex data bases).

C. N. Mooers, "A Standard Method for the Description of External Data Formats," part IV of "Standards for User Procedures and Data Formats in Automatic Information Systems and Networks," Zator Co., Cambridge Mass., Aug. 28, 1967.

C. N. Mooers, "Data Descriptive Languages," fdt (a publication of the ACM Special Interest Committee on File Description and Translation), vol. 1, p. 31-36, 10 August 1969.

H. R. Morse, "Efficiency and the Use of Data Definition Techniques," fdt (a publication of the ACM Special Interest Committee on File Description and Translation), vol. 1, p.20-23, 10 August 1969.

M. Schaefer, "User's Guide for DBL: General Description," System Development Corporation, Santa Monica, Calif., Rept. TM-3870/001/01, September, 1969.

D. P. Smith, "A Data Description Facility," Pennsylvania Univ., AD-703244, April 1970.

T. A. Standish, "A Data Definition Facility for Programming Languages," Carnegie Institute of Technology, AD-658042, May 18, 1967.

B. Weghreit, "The Treatment of Data Types in EL1," Technical Report, Division of Engineering and Applied Physics, Harvard Univ., May 1971.

B. Weghreit, "The ECL Programming System," Technical Report, Division of Engineering and Applied Physics, Harvard Univ., May 1971.

Data Conversion

R. Anderson, E. Harslem, and J. Heafner, "Language-Machine for Data Reconfiguration," ARPA Network Working Group, Request for Comments no. 83, Rept. NIC 5621, 18 December 1970.

K. Sattley, R. F. Millstein, S. Marshall, "On Program Transferability," Applied Data Research, Inc., Rept. RADC-TR-70-217, Nov. 1970.

M. Schaefer, "DBL - A Language for Converting Data Bases," Datamation, vol. 16, pp. 123, June 1970.

Data Management

W. W. Chu, "Optimal File Allocation in a Multiple Computer System," IEEE Trans. Computers, vol. C-18, pp. 885-889, October 1969.

P. G. Hebalkar, "A Graph Model for Analysis of Deadlock Prevention in Systems with Parallel Computations," IBM Research Report RC3367, April 22, 1971.

B. W. Lampson, "A Scheduling Philosophy for Multi-Processing Systems," Comm. ACM, vol. 11, p.347-360, May, 1968.

P. J. Owens, "Phase II, A Data Management System Model," IBM Research Rept. RJ665, Jan. 29, 1970.

M. E. Senko, V. Y. Lum, P. J. Owens, "A File Organization Evaluation Model (FOREM)," Proc IFIP Congress 68, August, 1968.

A. Shoshani and A. J. Bernstein, "Synchronization in a Parallel- Accessed Data Base," Comm. ACM, vol 12, pp. 604-607, Nov. 1969. V. K. M. Whitney, "A Study of Optimal File Assignment and Communication Network Configuration in Remote-Access Computer Message Processing and Communication Systems," SEL Technical Report No. 48, System Engineering Lab, Dept. of Elect. Engin., University of Michigan, September, 1970.

Data Security

P. Baran, "On Distributed Communications: IX. Security, Secrecy, and Tamper-Free Considerations," The RAND Corporation, AD-444839, August 1964.

Data Transmission

"Proposed Character Set for Roman Alphabet and Romanized Non-Roman Alphabets" American Standards Institute Document X3.2/836, May 29, 1969.

"Final Report of the Electronic Industries Association Committee on Netting Computer Systems," Marc Bendick, Chairman, System Dev. Corp. Rept. SP-3514, May, 1970.

K. A. Bartlett, "Transmission Control in a Local Data Network," Proc. IFIP Congress 68, p. 704-708. August 1968.

A. K. Bhushan and R. H. Stotz, "Procedures and Standards for Intercomputer Communication," 1968 Spring Joint Computer Conf., AFIPS Proc., vol 32, pp 95-104, 1968.

S. Carr, S. Crocker, V. Cerf, "Host-Host Communication Protocol in the ARPA Network," 1970 Spring Joint Computer Conf., AFIPS Proc., vol 36, pp. 589-598, 1970.

D. W. Davies, "Communication Networks to Serve Rapid-response Computers," Proc IFIP Congress 68, p. 650-656, August 1968.

D. W. Davies, "The Principles of a Data Communication Network for Computers and Remote Peripherals," Proc IFIP Congress 68, p. 709-714, August 1968.

"Computer Netting, Standardization, and Systems Management," Computer Netting Committee, Defense Communications Council, Electronic Industries Association, I. Bialick, Chairman, 15 September 1969.

H. Frank, "Analysis and Optimization of Store-and Forward Computer Networks," Network Analysis Corporation, AD-707438, June 15, 1970.

M. E. Jacobs, "Standard Format for Data Exchange," Special Libraries, vol. 59, pp 258-260, April 1968.

D. Karp and S. Seroussi, "A Communications Interface for Computer Networks," IBM Research Report No. RC3417, June 1971.

John L. Little, "Some Evolving Conventions and Standards for Character Information Coded in Six, Seven, and Eight Bits," NBS Technical Note 478, May 1969.

J. L. Little, C. N. Mooers, "Standards for User Procedures and Data Formats in Automated Information Systems and Networks," 1968 Spring Joint Computer Conf., AFIPS Proc., vol 32, pp 89-94, 1968.

P. T. Wilkinson and R. A. Scantlebury, "The Control Functions in a Local Data Network," Proc IFIP Congress 68, p. 734-738, August 1968.

Network Design

A. A. Benvenuto, et al., "System Load Sharing Study," The MITRE Corporation, Rept. MTR-5062, 1969.

E. K. Bowden, Sr., "Priority Assignment in a Network of Computers," IEEE Trans. Computers, vol. C-18 pp. 1021-1026, Nov. 1969.

P. R. Cox, "General System Organisation of Multi-Processor Configurations," Software 70, Sheffield England, p. 33-40, April 1970.

H. Frank, J. T. Frisch, and W. Chow, "Topological Considerations in the Design of the ARPA Network," 1970 Spring Joint Computer Conf., AFIPS Proc., vol. 36, p.581-587, 1970.

D. Fredericksen and R. W. Ryniker, "A Computer Network Interface for OS/MVT," IBM Research Report RC3317, April 1971.

R. C. Gunderson and J. O. Johnson, "Engineering Design and Implementation of a Multi-Computer Data Processing System for a Navy Command and Control Center," Proc. 7th International Convention on Military Electronics, Western Periodicals, North Hollywood Calif., 1963.

R. M. Hamaker, "Distributed Computer Systems," Telecommunications, vol. 4, p 25-30, March 1970.

F. Hansler, G. K. McAuliffe, R. S. Wilkov, "Reliability Considerations in Centralized Computer Networks," IBM Research Report RC3354, May 1971.

W. G. Howe and T. R. Kibler, "Control Concepts of a Logical Network Machine," IBM Research Report RC3331, April 1971.

L. Kleinrock, "Analytic and Simulation Methods in Computer Network Design," 1970 Spring Joint Computer Conf., AFIPS Proc., vol. 36, p.569-579, 1970.

L. Kleinrock, "Models for Computer Networks," Proc. IEEE. Conf. on Commun., Session 21, p. 9-16, June 1969.

A. L. Leiner, W. A. Notz, J. L. Smith, and A. Weinberger, "PILOT, A New Multiple Computer System," J. ACM, vol 6, p. 315-335, July 1959.

D. B. McKay and D. P. Karp, "Network/440 - - IBM Research Computer Sciences Department Computer Network," IBM Research Report RC3431, July 1971.

D. B. McKay and D. P. Karp, "A Network/440 Protocol Concept," IBM Research Report RC3432, July 1971.

D. B. Mckay, D. P. Karp, J. W. Meyer, and R. S. Nachbar,

"Exploratory Research on Netting at IBM," IBM Research Report RC3486, June 1971.

"An Experimental Computer Network," MIT Lexington, Rept. ESD-TR-69-74, March 1969.

L. G. Roberts, and B. D. Wessler, "Computer Network Development to Achieve Resource Sharing," 1970 Spring Joint Computer Conf., AFIPS Proc., vol. 36, p. 543-549, 1970.

J. J. Russell and D. C. Knight, "Communication and Systems Development in the C.S.I.R.O. (Commonwealth Scientific & Industrial Research Organization) Network," Proc. 3rd Australian Computer Conference, p. 384-386, 1966.

R. M. Rutledge, A. L. Vareha, L. C. Varian, A. H. Weis, S. F. Seroussi, J. W. Meyer, J. F. Jaffee, and M. A. K. Angell, "An Interactive Network of Time-Sharing Computers," Proc. 24th National Conference, A.C.M. Publication P-69, p. 431-442, 1969.

J. F. Sherlock, "The Simulation of a Multi-Computer System," IEEE Trans. Computers, vol C-19, pp. 1114-1117, Nov. 1970.

A. Shoshani and E. G. Coffman, "Sequencing Tasks in Multi-Process, Multiple Resource Systems to Avoid Deadlocks," Proc. 11th Annual Symposium on Switching and Automata Theory, p. 225-233, Oct. 1970.

A. H. Weis, "Distributed Network Activity at IBM," IBM Research Report RC3392, June 1971.